OMB No. 0651-0011(exp.4/94)



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To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Ming Lai, Jay Wei, Scott A. Meyer, James P. Foley, and Jochen M. Horn	2. Name and address of receiving part(ies) Name: Carl Zeiss Ophthalmic Systems, Inc.					
Additional name(s) of conveying parties(ies) attached? Yes Yo						
3. Nature of Conveyance: ☐ Assignment ☐ Merger	Street Address: 5160 Hacienda Drive					
☐ Security Agreement ☐ Change of Name						
□ Other	City: <u>Dublin</u> State: <u>California</u> Zip: <u>94568</u>					
Execution Date: 4/19/2001; 9/14/2001; 9/14/2001; 9/14/2001; 9/14/2001; 9/14/2001; 9/14/2001; 9/14/2001;	Additional name(s) & address(es) attached? Yes No					
4. Application number(s) or patent number(s):	7/960/13					
If this document is being filed together with a new applica $\frac{9/19/3007}{3000}, \frac{9/19/3007}{3000}, \frac{9/2007}{3000}, a$	ition, the execution date of the application is: $\frac{9/19/2c_0 t}{2001}$, and $\frac{9/19/2c_0 t}{2001}$.					
A. Patent Application No.(s)	B. Patent No.(s)					
Additional numbers a	attached? ☐ Yes ☑ No					
5. Name and address of party to whom correspondence concerning the document should be mailed:	6. Total number of applications and patents involved:					
Name: Michael B. Einschlag	7. Total fee (37 CFR 3.41)\$ 40.00					
Internal Address: ROSENLAW.COM	☐ Enclosed ☐ Authorized to be charged to deposit account					
Street Address: 702 Marshall Street, Suite 301	8. Deposit account number:					
City: Redwood City State: Calif. Zip: 94063	(Attach duplicate copy of this page if paying by deposit account)					
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Michael B. Einschlag Name of Person Signing	system or sheet, attachments, and document:					

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Washington, D.C. 20231

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PATENT REEL: 012209 FRAME: 0478

ASSIGNMENT

WHEREAS, I, Ming Lai, a citizen of the United States of America residing at 6450 Dougherty Road, #125, Dublin, Calif. 94568; Jay Wei, a citizen of the United States of America residing at 397 Indian Hill Place, Fremont, Calif. 94539; Scott A. Meyer, a citizen of the United States of America residing at 994 Verona Avenue, Livermore, Calif. 94550; James P. Foley, a citizen of the United States of America residing at 457 Maar Avenue, Fremont, Calif. 94536; and Jochen M. Horn, a citizen of Germany residing at 4852 Bernal Avenue, Apt. I, Pleasanton, Calif. 94566, ASSIGNORS.

are the inventors of the invention in an application for a Patent of the United States entitled:

Method and Apparatus for Measuring Optical Aberrations of an Eye

the declaration for which we executed on $\frac{\sqrt{5ep^{t}}}{\sqrt{9}}$, 2001, $\frac{\sqrt{5ep^{t}}}{\sqrt{9}}$, 2001, $\frac{\sqrt{5ep^{t}}}{\sqrt{9}}$, 2001 and

WHEREAS, CARL ZEISS OPHTHALMIC SYSTEMS, INC., a corporation of the State of California having a place of business at 5160 Hacienda Drive, Dublin, California 94568, ASSIGNEE,

is desirous of obtaining the entire right, title and interest in, to and under the invention and the application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, WE, the ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the invention, and the United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models and designs which may hereafter be filed for the invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from the United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection. including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for the invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that WE have full right to convey the entire interest assigned, and that WE have not executed, and will not execute, any agreement in conflict herewith.

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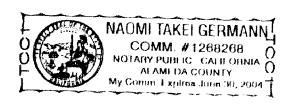
PATENT REEL: 012209 FRAME: 0479 AND WE HEREBY further covenant and agree that WE will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to us regarding the invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I	hereunto set my hand and seal this day of, 2001.
	la.
	Ming Lai
State of California)	
County of Alameda.) ss	5.:
Before me this 19 th	day of <u>lipiters</u> , 2001 personally appeared to me personally known to be the person cuted the above instrument, and acknowledged to me that he
executed the same of his own free	e will for the purpose therein set forth.
	Masoni Jakes Grann Notary Public
	Notary Public



IN TESTIMONY WHER	EOF, I here	eunto set n _, 2001.	ny hand and seal t	his	19th	day of
			Jay	Wei	len'	
State of California)					
County of Alameda) ss.:)					
Before me this Tay WU who is described in and we executed the same of his	vho execute	ed the above	e instrument, and	acknow	1 personally a nown to be the relationship of the ledged to me	appeared e person that he
		·			Jaker 2 Notary Pul	Hermann blic
P Noi	MI TAKEI GEI COMM. #1288 MY PUBLIC - CAL ALAMEDA COUN MIN 1 XIJITOB JUND	1268 O IFORNIA O			•	

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this	of of
Scott A. Meyer	
State of California)	
) ss.:	
County of A lamada) ss.:	
Before me this day of September, 2001 personally appeared to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein set forth.	i
Mami Jaku Hera	wann
Notary Public	



IN TESTIMONY WHER	EOF, I here	eunto set _, 2001.	my hand and seal t	nis 20th	day of
•		-	James	es P. Foley	<u>></u>
State of California)				
County of Alameda) ss.:)				
Before me this	2016 Foley- Tho execute own free w	_ day of _ed the abo	purpose therein se	t forth.	
			Ma	aomi Jalei. Notary Pu	Hermon.

NAUMI TAKEI GERMANN
COMM. #1288268 O
NOTARY PUBLIC CALE ORNIA O
ALAMEDA COUNTY
My Comin 1 xpiros June 30, 2004

IN TESTIMONY WHEI	REOF, I here	eunto set r	ny hand and seal	this/	9th day of
- St. W. Sc.		_, 2001.			MO
			Joc	hen M. He	orn O
State of California)				
County of Alameda) ss.:)				
Before me this who is described in and executed the same of his	who execute own free w	_ day of _ ed the abovill for the	to me pers to me pers ve instrument, and purpose therein s	, 2001 onally knowledge acknowledge forth.	personally appeared own to be the person ledged to me that he
			<u> 20</u>	aovn	Jake Germans Notary Public



RECORDED: 09/21/2001